

**Aero Design Ltd.****Work Order Control Sheet****Work Order#: 2014-86****Date Opened: 17 Nov 2014****Title: Assembly****Aircraft OEM: Bell****Aircraft Model: 206B****Product Type: Cargo Basket****Product Model: Long Quantity: 1****Work Order Contents**

Work Order/Build Sheets (Procedures Provided)  
Additional Work Sheets (Standard Practice)  
Drawings (See List Below)  
Parts Distribution Sheet  
Sub Component Tags  
Completed Certification (Original)  
Time Sheet (R&D)  
Notes

Initial or N/A

JR
N/A
JR
JR
JR
JR
N/A
N/A

**Build Sheet Contents**

Tasks Initialled  
Dual Inspections Initialled

Initial or N/A

JR
JR

**Drawing List**

Drawing #	Rev #	Description	Initial or N/A
81110	0	Basket	JR
81111	0	Body	JR
81112	0	Lid	JR
80323	0	Mount Hoop	JR
81127	0	Data Plate	JR

**Component Completion**

Quantity Complete on This Work Order  
Quantity Incomplete on This Work Order  
Further Processing Required Before Release  
Release to Stock as Components

As Instructed

1
N/A
N/A
N/A

**Certification**

Form One Completed  
Serviceable (Green) Tag Completed  
In Process (Yellow) Tag Completed  
Unserviceable (Red) Tag Completed  
Parts Placed in Stores for Distribution

Initial or N/A

JR
N/A
N/A
N/A
N/A

**Additional Documentation**

Documentation of a minor change  
  
Non-Conformance Report Required  
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

**Billing**

Local (Aero Design)  
Research and Development  
Third Party

Initial or N/A

JR
N/A
N/A

**Traveller**

Install walkway on lid  
Install lid on basket body  
Re-tap mounting lug holes and install mount lugs  
Install handle brackets  
Install handle  
Install lid prop  
Install data plate

Initial or N/A

JR
JR
JR
JR
JR
JR
JR
JR

Work performed by:

Print: Jason Rekve

Sign: 

SCA: AD01

Date: 17-Nov-14

ICC / Dual Inspection preformed by:

Print: Jeff Clarke

Sign: 

SCA: AD02

Date: 17-Nov-14

Work Order closed by:

Print: Jason Rekve

Sign: 

SCA: AD01

Date: 17-Nov-14

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 2

PN: 84267-01

Aircraft: All Model: All

Description: Cargo Basket Handle Bracket

Supplier: Aero Design

Color: N/A

WO#: 2014-48

PO#: N/A



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 49730-01

Aircraft: Bell

Model: 206B

Description: Forward Beam

Supplier: Aero Design

Color: White

WO#: 2013-10

PO# N/A



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1  
PN: 49731-01  
Aircraft: Bell  
Description: AFT Beam  
Supplier: Aero Design  
Color: White  
WO#: 2013-10

Model: 206B

PO# N/A



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2012-18</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Cargo Basket</b>	<b>81110-01</b>	<b>1</b>	<b>81101-06</b>	<b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>17 Nov 2014</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<b>Installer Responsibilities</b> This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Forward Beam</b>	<b>49730-01</b>	<b>1</b>	<b>N/A</b>	<b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
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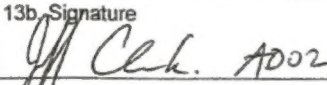
1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		<b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2013-10</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Aft Beam</b>	<b>49731-01</b>	<b>1</b>	<b>N/A</b>	<b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke AD02</i>		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>17 Nov 2014</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
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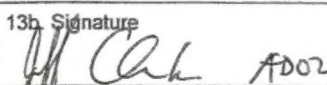


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4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2012-12</b>
6. Item	7. Description <b>Forward Fitting</b>	8. Part Number <b>49720-01</b>	9. Qty. <b>2</b>	10. Serial/Batch No. <b>N/A</b>	11. Status/Work <b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
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13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>17 Nov 2014</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
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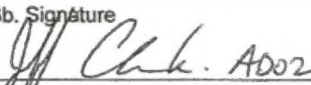
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4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2012-12</b>
6. Item	7. Description <b>Aft RH Saddle Fitting</b>	8. Part Number <b>49721-01</b>	9. Qty. <b>1</b>	10. Serial/Batch No. <b>N/A</b>	11. Status/Work <b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke AD02</i>		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>17 Nov 2014</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
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4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2012-12</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Aft LH Saddle Fitting</b>	<b>49721-02</b>	<b>1</b>	<b>N/A</b>	<b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Barrel Nut</b>	<b>49320-01</b>	<b>2</b>	<b>N/A</b>	<b>New</b>
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
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13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>17 Nov 2014</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
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4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2014-13</b>
6. Item	7. Description <b>Barrel Nut</b>	8. Part Number <b>49721-03</b>	9. Qty. <b>2</b>	10. Serial/Batch No. <b>N/A</b>	11. Status/Work <b>New</b>
12. Remarks <b>Equivalent to 60622-01</b>					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulation specified in block 12          Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		<del>14b. Signature</del>	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>17 Nov 2014</b>		<del>14c. Approved Organization Number</del>	
				<del>14d. Name</del>	
				<del>14e. Date (dd/mmm/yyyy)</del>	
<b>Installer Responsibilities</b>					
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## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: BUCKET BODY (2063 long) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 81111-01 Serial / Batch No.: V/K

TTSN: N/A TSO: N/A Rem.:

Work Order No.: 2012-18

Remaining Tasks to be Performed: ASSEMBLY w/ LID

Signature: [Signature]

Date: 09 AUG 2013 Lic. No. / ACA

In Process



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: BASKET LID (2063 LONG) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 81112-01 Serial / Batch No.: V/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2012-18

Remaining Tasks to be Performed: ASSEMBLY V/BODY

Signature: [Signature]

Date: 09 AUG 2013 Lic. No. / ACA

In Process



2014-86

17-Nov-14

## **CARGO BASKET ASSEMBLY - COMMON**

### **General**

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

#### **Bell 206L/407 – Right side only**

69810, Revision 3 – Standard Low Mounted Basket

94510, Revision 0 – Extra-Wide Low Mounted Basket

94610, Revision 0 – Extra-Wide Low Mounted Ski Basket

76610, Revision 0 – High Mounted Ski Basket

#### **Eurocopter AS350/AS355 – left or right**

77610, Revision 1 – Short Basket

76410, Revision 3 – Medium Basket (left or right)

78410, Revision 2 – Long Basket

94010, Revision 0 – Extra Large (ski) Basket

#### **Robinson R44 – left or right**

90610, Revision 0 – Standard Basket (left or right)

#### **Bell 206B – right side only**

80210, Revision 0 – Short Basket

80310, Revision 0 – Medium Basket

81110, Revision 0 – Long Basket

#### **Bell 429 – right or left**

95911, Revision 0 – Standard Basket

#### **Bell Medium – left or right**

75111, Revision 0 – Standard Basket

95511, Revision 0 – Extra Large (ski) Basket

#### **MD600**

82811, Revision 0 – Standard Basket

#### **Options**

70405, Revision 3? – Lid Walkway

## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

Work Order: 2014-86

Date Open: 17 Nov 14

dk

### 1. Lid Assembly

- a. Install lid bumpers on bottom.
  - i. Fill bumper holes with RTV silicone sealant.
  - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
  - i. Locate placard on bracket.
  - ii. Drill #30 through placard and bracket, using holes in placard.
  - iii. Remove placard and de-burr holes in placard and on bracket.
  - iv. Locate placard on bracket, and cleco in place.
  - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
  - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
  - ii. Pull tread plate from stock. Shear tread plate to length.
  - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
  - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
  - v. Mark and drill #30 holes:
    1. 0.25" from edge of tread plate, centre on cross members (0.38")
    2. 0.25" from edge of tread plate, middle of each walkway stringer
  - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using 1/4" piloted counter bore on both sides.
  - vii. De-burr holes in lid tubes.
  - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
  - ix. Set tread plate in place, secure with clecos if necessary.
  - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

dk

### 2. Body Assembly

- a. Install attachment fittings
  - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
  - ii. Run 3/8-24 tap into attachment lugs to clear threads.
  - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
  - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
    1. 90610 (Robinson R44) basket only:
      - a. Install 1 fitting 906?? in lower forward attachment lug only.
      - b. Install 3 96710-01 fittings in remaining locations.
  - v. Torque to ??

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
  - i. Locate 94621-01 Brace over aft cross tube cutout
  - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
  - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

## 3. Hinge Installation

- a. Prepare hinge.
  - i. Cut hinge to length:
    - 1. 776, 906 – 54"
    - 2. 751, 803 – 70"
    - 3. 698, 764, 945 – 72"
    - 4. 784 – 90"
    - 5. 940, 946, 959 – 95"
  - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
  - i. Locate hinge on basket (standard baskets)
    - 1. centre fore/aft
    - 2. 0.15" – 0.18" up from bottom edge
  - ii. Locate hinge on basket (extra wide baskets)
    - 1. centre fore/aft
    - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
  - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
  - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
  - v. Remove hinge and de-burr holes in hinge and basket rim.
  - vi. Cleco hinge to basket with 5/32 clecos.
  - vii. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
  - i. Locate lid on hinge (all baskets)
    - 1. center fore/aft
    - 2. 0.15" – 0.18" down from top edge
  - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
  - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
  - iv. Remove hinge and de-burr holes in hinge and lid rim.
  - v. Cleco lid to hinge with 5/32 clecos.
  - vi. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations



- d. Record PO of hinge and rivets on attached material tracking list.

**4. Install Handle**

**a. Install handle brackets.**

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

**b. Install handle**

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

**c. Check handle**

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

**5. Install lid brace**

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)



### 6. Final Inspection

Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
  - i. Bolts are tight
  - ii. Rivets are installed correctly
  - iii. Handle operates correctly
  - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

Work Order: 204-86

## Material Tracking Sheet

1 of 2

Bell 206B

Date Opened: 17-Nov-14

Long Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
			81110-01	<b>Cargo Basket Assembly</b>		
<b>Step 1</b>				<i>Lid Assembly</i>	<i>2012-18</i>	
	. 1		81112-01	Basket Lid Assembly		
Step 1.a.	. . 4		49205-14	Bumper	Argus Industries Bumper	
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 1.b.	. . 1		81127-01	Placard	0.063 Sheet, 6061-T6 Aluminum	
	. . 4		CR3213-4-02	Cherry Rivet		
Step 1.c.	. 1		70405-01	Lid Step Modification		
(option)	. . 1		70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	
	. . A/R		CR3213-4-02	Cherry Rivet	<i>13026</i>	
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
<b>Step 2</b>				<i>Basket Assembly</i>	<i>2012-18</i>	
Step 2.a.	. 1		82711-01	Basket Body Assembly		
	. . 4		96710-01	Fitting	Alternate: Ancra 40088-14	
	. . 8		NAS1149F0663P	Washer		
<b>Step 3</b>				<i>Hinge Installation</i>		
	. 1		MS20001P4	Piano Hinge	83"	<i>13089</i>
	. 8		CR3523-5-02	Cherry Rivet		<i>13026</i>
	. A/R		CR3213-5-02	Cherry Rivet		<i>13026</i>
<b>Step 4</b>	. 1		84255-01	<i>Handle Installation</i>		
Step 4.a.	. . 2		84267-01	Bracket	Delrin, 3/4" Sheet	
	. . 4		AN3-11A	Bolt		
	. . 8		NAS1149F0363P	Washer		
	. . 4		MS21044N3	Nut		



Work Order: \_\_\_\_\_

Material Tracking Sheet

2 of 2

Bell 206B

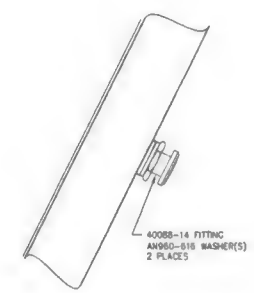
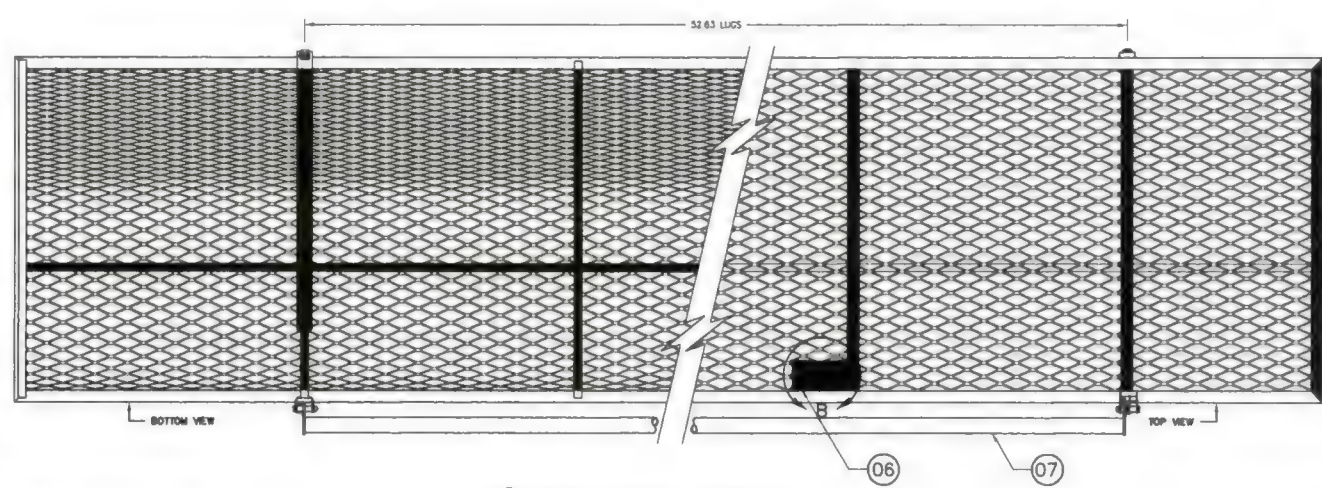
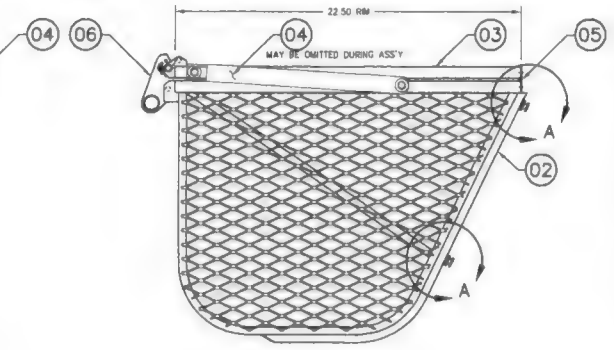
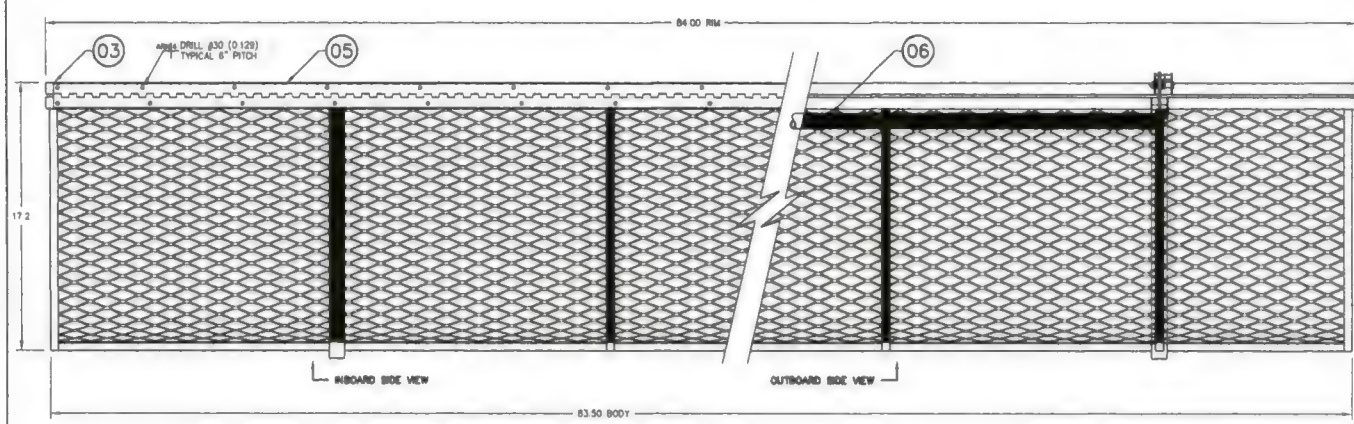
Date Opened: \_\_\_\_\_

Long Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 4.b.	.. 1		84261-01	Handle Assembly		
	.. 2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	
	.. 2		36275-01	Bushing	Brass, 5/16" Dia	
	.. 2		AN3-12A	Bolt		
	.. 4		NAS1149F0363P	Washer		
	.. 2		MS21044N3	Nut		
Step 5				<i>Lid Brace Installation</i>		
	. 1		36280-01	Brace Assembly		
	. 1		AN3-15A	Bolt		
	. 1		AN3-17A	Bolt		
	. 2		AN970-3	Washer		
	. 3		NAS1149F0363P	Washer		
	. 2		MS21044N3	Nut		
Step 6				<i>Inspection</i>	<i>None</i>	

2014-86

REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0			



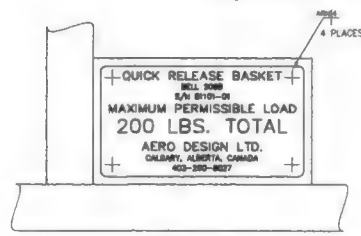
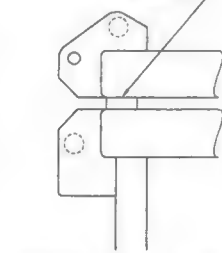
DETAIL A

SCALE 1:1  
LOOKING AT LOWER ATTACHMENT, UPPER SAME  
TYPICAL FWD AND AFT

NOTE  
1 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

01 CARGO BASKET ASSEMBLY

DRILL 0.75 INTO LUG  
ENSURE CLEARANCE FROM MESH  
3 PLACES MIN



DETAIL B

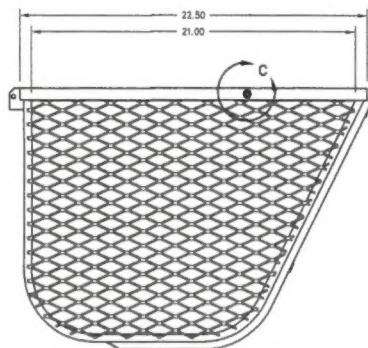
SCALE 1:1  
LOOKING AT PLACARD BRACKET

A/R	QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
4		AN960-016	WASHER				
4		4008B-14	FITTING		AN960		
A/R		CR3213-4-02	CHERRY RIVET				
3		49205-14	Ø8 BUMPER		ARGUS INDUSTRIES		
1		81127-01	Ø7 PLACARD				
1		36235-01	Ø6 HANDLE BAR INSTALLATION				8 FEET LONG
1		MS20001P4	Ø5 PLANO HINGE				
1		36280-01	Ø4 BRACE ASSEMBLY				
1		81112-01	Ø3 LUG ASSEMBLY				
1		81111-01	Ø2 BASKET BODY ASSEMBLY				
1		81110-01	Ø1 CARGO BASKET ASSEMBLY				
01		PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY							

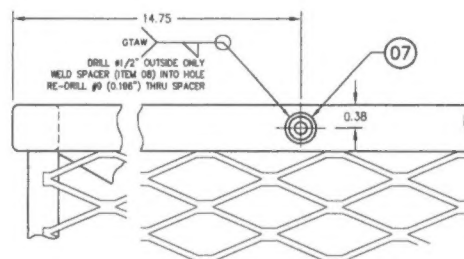
<b>BASIC CODE</b> REF NAS 523 C-COUNTERSINK D-DIMPLE DIGIT-# OF SHEETS TO BE DIMPLED BASIC CODES: BJ = MS20470AD BB = MS20426AD ARM = CR3213 ARM = CR3212		<b>DASH NO. FOR DIAMETER</b> R=INCH HEAD REAR SIDE F=INCH HEAD FWD SIDE  <b>DASH NO. FOR LENGTH</b> + INSTALL NEW RIVET + REMOVE/REPLACE RIVET - EXISTING RIVET		<b>APPROVALS</b> DRAWN: JEFF CLARKE CHECKED: E BURGOIN DATE: 09 OCT 2008 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS ANGLES X XXX ±0.010 ±1/2° X XX ±0.03 X X ±0.1		<b>AERO DESIGN LTD.</b> CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA T2B 6R7 Tel: (403) 380-8027 Fax: (403) 380-8333 aerd@design1.ca <b>BELL 206B</b> <b>QUICK RELEASE CARGO BASKET</b> <b>CARGO BASKET ASSEMBLY</b> SCALE 1:1 4 SHEET 1 OF 1	
				DWG SIZE: A1 DWG NO: 81110 REV: 0			



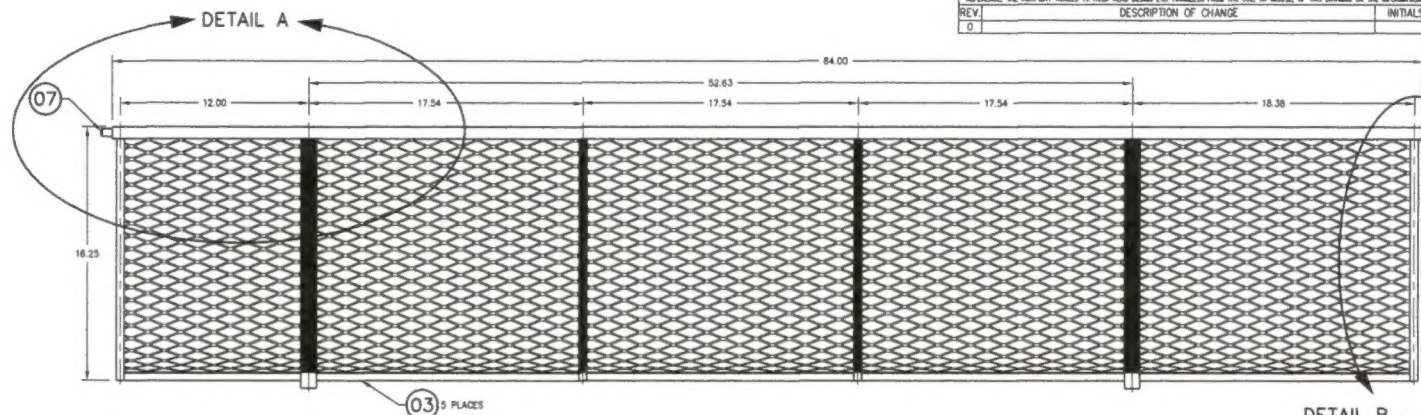
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REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0			



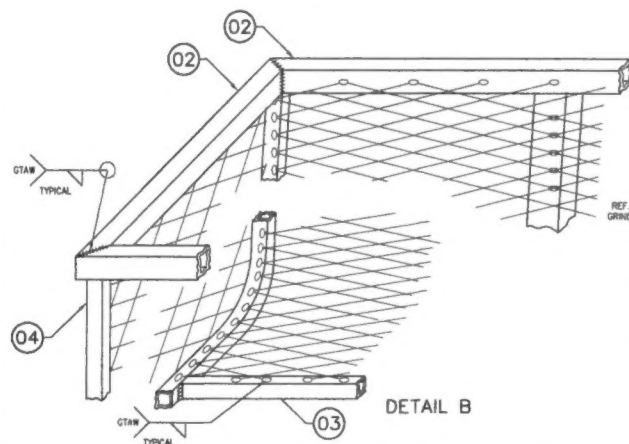
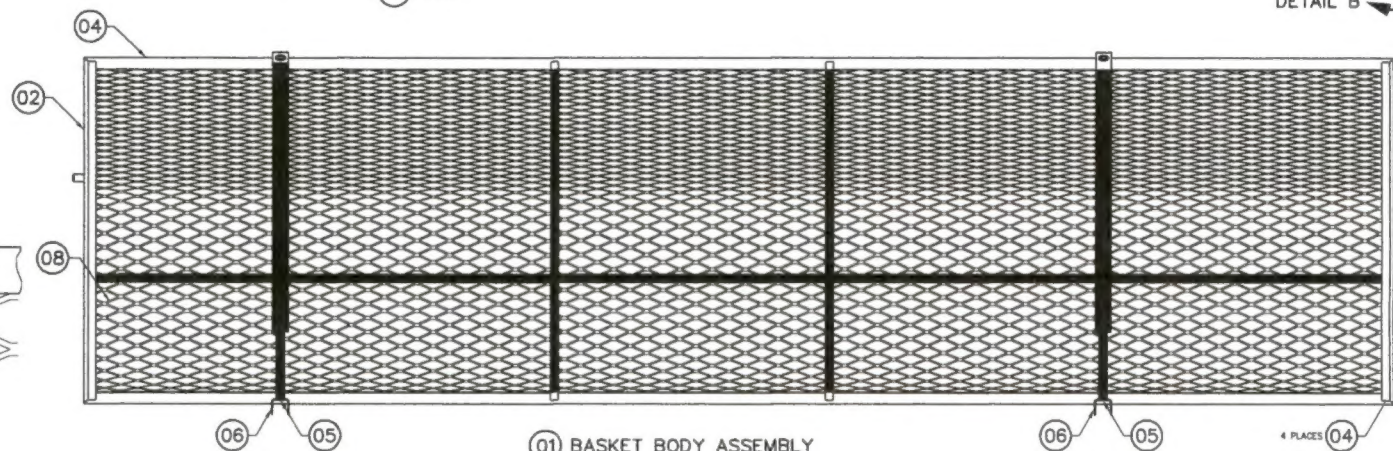
- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
  2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
  3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
  4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLES PRIOR TO ASSEMBLY.



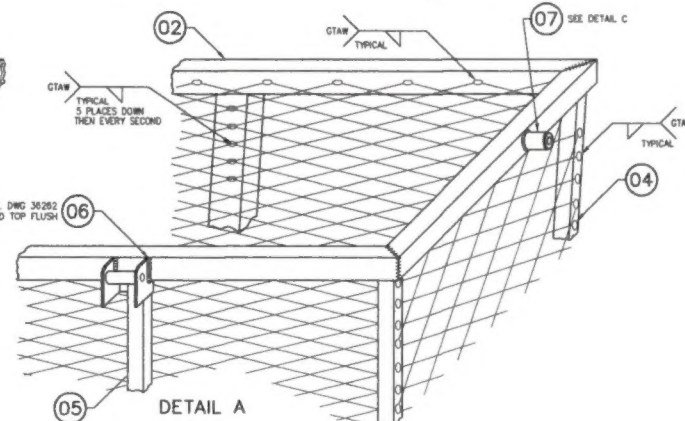
DETAIL C  
SCALE 1:1  
VIEW LOOKING AT FRONT RIM OF BASKET



DETAIL B



DETAIL B



DETAIL A

A/R	3/4-16F	08 MESH	STEEL	COMMERCIAL	
1	49215-01	07 SPACER			
1	36262-01	08 HANDLE BRACKET ASSEMBLY			
2	80324-01	05 ATTACHMENT HOOP			
4	80322-01	04 HOOP			
A/R		03 TUBE	4130 STEEL, COND. N	MIL-T-3736	0.5 X 0.035 SQR. TUBE
A/R		02 TUBE	4130 STEEL, COND. N	MIL-T-8736	0.75 X 0.035 SQR. TUBE
01	81111-01	01 BASKET BODY ASSEMBLY			
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY			LIST OF MATERIALS		

APPROVALS		DATE		AERO DESIGN LTD.	
DRAWN: JEFF CLARKE		01 OCT 2008		CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M	
CHECKED: E. BURGON				2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6B7	
				tel: (403) 850-8007 fax: (403) 850-8883 aerodesign@shawplanet.net	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:					
DECIMALS		ANGLES		BELL 206B	
X.XXX ±0.010		±1/2°		QUICK RELEASE CARGO BASKET	
X.XX ±0.03				BASKET BODY ASSEMBLY	
X.X ±0.1				SCALE 1:4	
		SHEET 1 OF 1		DWG. SIZE DWG. NO. REV.	
				A1 81111 0	



APPROVALS		DATE	<b>AERO DESIGN LTD.</b>		
DRAWN: JEFF CLARKE		30 SEPT 2006	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M		
CHECKED: E. BURGIN			2012 - 2018 AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 0B7		
			TEL: (403) 250-0007 FAX: (403) 250-0583 arodesign@aeroplanet.net		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS ANGLES X.XXX $\pm 0.010$ $\pm 1/2^\circ$ .XX $\pm 0.03$ X.X $\pm 0.1$			BELL 206B		
			QUICK RELEASE CARGO BASKET		
			BASKET LID ASSEMBLY		
SCALE 1 : 4		DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 1		A1	81112	0	

# NOTICE

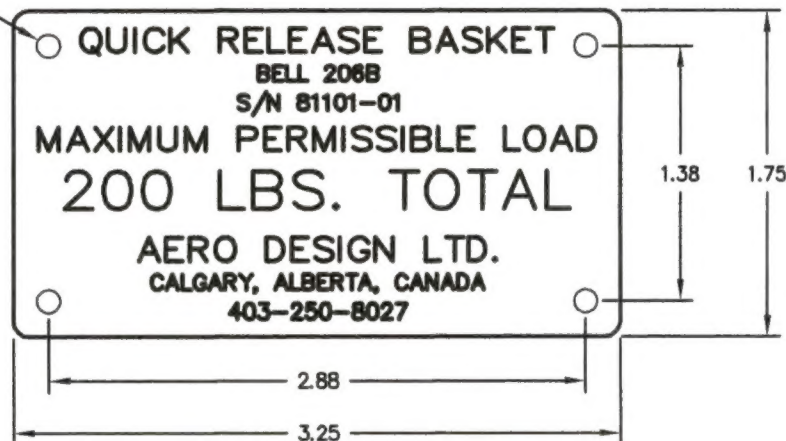
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1			

## NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:  
 "QUICK RELEASE BASKET" - 0.125 HIGH  
 "BELL 206B" - 0.080 HIGH  
 "S/N 81101-XX" - 0.080 HIGH  
 "MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH  
 "200 LBS. TOTAL" - 0.200 HIGH  
 "AERO DESIGN LTD." - 0.125 HIGH  
 "CALGARY, ALBERTA, CANADA" - 0.080 HIGH  
 "403-250-8027" - 0.080 HIGH

DRILL #30 (0.129)  
4 PLACES



01 PLACARD

81127-01		01	PLACARD	6061-T6 ALUMINUM		QQ-A-250/11		0.063 SHEET			
PART NO.		ITEM	DESCRIPTION	MATERIAL		MATERIAL SPEC		STOCK SIZE			
LIST OF MATERIALS											
	APPROVALS		DATE		<b>AERO DESIGN LTD.</b> CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027      fax: (403) 250-8333      aerodesign@telusplanet.net						
	DRAWN: JEFF CLARKE		29 JUNE 2007								
	CHECKED: E. BURGOIN										
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                      ANGLES X.XXX ±0.010                      ±1/2° X.XX ±0.03 X.X ±0.1				BELL 206B QUICK RELEASE CARGO BASKET PLACARD						
				SCALE 1 : 1		DWG. SIZE		DWG. NO.		REV.	
				SHEET 1 OF 1		A1		81127		0	





WO# 2014-86

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013